
DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below-named inventor, Peter C. VanBuskirk, Jeffrey F. Roeder, Steven M. Bilodeau, Michael W. Russell, Stephen T. Johnston, Daniel J. Vestyck, and Thomas H. Baum, we hereby declare that my residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **"Scalable Lead Zirconium Titanate (PZT) Thin Film Material and Deposition Method, and Ferroelectric Memory Device Structures Comprising Such Thin Film Material"**, the specification of which

(check one) ☒ is attached hereto.
☐ was filed on _____ as Application Serial No. _____
☐ and was amended _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

_____	_____	_____		Priority Claimed
(Number)	(Country)	(Day/Month/Year Filed)		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this specification is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

_____	_____	_____
(Application Number)	(Filing Date)	(Status-Patented, Pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

OLIVER A. ZITZMANN, Reg. No. 38,691

STEVEN J. HULQUIST, Reg. No. 28,021

All correspondence in connection with this application should be sent to:

Oliver A. Zitzmann
ATMI, Inc.
7 Commerce Drive
Danbury, CT 06810
Telephone: (203) 794-1100

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of first inventor: **PETER C. VAN BUSKIRK**

Inventor's Signature  Date 2/17/99

Residence: 18 Poverty Hollow Road, Newtown, CT 06470

Citizenship: USA

Post Office Address: 18 Poverty Hollow Road, Newtown, CT 06470

Full Name of second inventor: **JEFFREY F. ROEDER**

Inventor's Signature  Date 2/15/99

Residence: 4 Longmeadow Hill Road, Brookfield, CT 06804

Citizenship: USA

Post Office Address: 4 Longmeadow Hill Road, Brookfield, CT 06804

Full Name of third inventor: **STEVEN M. BILODEAU**


Inventor's Signature  Date 2/17/99

Residence: 20 Carriage Drive, Oxford, CT 06478

Citizenship: USA

Post Office Address: 20 Carriage Drive, Oxford, CT 06478

Full Name of fourth inventor: **MICHAEL W. RUSSELL**

Inventor's Signature  Date 2/15/99

Residence: 50 Aiken Street, Apt. 516, Nowalk, CT 06851

Citizenship: USA

Post Office Address: 50 Aiken Street, Apt. 516, Nowalk, CT 06851

ASSIGNMENT

We have made an invention described in the U.S. Patent Application entitled "**Scalable Lead Zirconium Titanate (PZT) Thin Film Material and Deposition Method, and Ferroelectric Memory Device Structures Comprising Such Thin Film Material**" which has been executed by us on the same date as this Assignment for filed in the United States Patent and Trademark Office.

We assign to Advanced Technology Materials, Inc., 7 Commerce Drive, Danbury, Connecticut 06810, all of our ownership and rights in:

- (i) the invention and U.S. Patent Application;
- (ii) U.S. Patents on the invention; and
- (iii) corresponding foreign patent applications and patents.

We are making this assignment based on our relationship with Advanced Technology Materials, Inc.

We request the Commissioner of Patents and Trademarks of the United States and the appropriate officers of all foreign countries to issue patents on the invention to Advanced Technology Materials, Inc.

We agree to execute any other legal documents that may be required to effectuate this Assignment.

We agree that we will promptly communicate to Advanced Technology Materials, Inc. all facts which come to our attention affecting the invention or patent rights.

We agree that we will testify in any interference or litigation involving the invention or patent rights.

We state that we have not previously taken any action in conflict with this Assignment.

Peter VanBuskirk
Peter C. VanBuskirk

2/17/99
Date

State: Connecticut

County: Fairfield

Peter C. VanBuskirk. appeared before me on February 17, 1999. He declared to me that he is the person described in this Assignment. He executed this Assignment before me, and declared that his execution was completely voluntary.

Janet Halderson
Notary Public

(SEAL)

My commission expires on:

4-30-02

Jeffrey F. Roeder
Jeffrey F. Roeder

2/15/99
Date

State: Connecticut

County: Fairfield

Jeffrey F. Roeder appeared before me on February 15, 1999. He declared to me that he is the person described in this Assignment. He executed this Assignment before me, and declared that his execution was completely voluntary.

Janet Halderson
Notary Public

(SEAL)

My commission expires on:

4-30-02

Steven M. Bilodeau
Steven M. Bilodeau

2-17-99
Date

State: Connecticut
County: Fairfield

Steven M. Bilodeau appeared before me on February 17, 1999. He declared to me that he is the person described in this Assignment. He executed this Assignment before me, and declared that his execution was completely voluntary.

Janet Holderman
Notary Public

(SEAL)

My commission expires on:
4-30-02

Michael W. Russell
Michael W. Russell

2/15/99
Date

State: Connecticut
County: Fairfield

Michael W. Russell appeared before me on February 15, 1999. He declared to me that he is the person described in this Assignment. He executed this Assignment before me, and declared that his execution was completely voluntary.

Janet Holderman
Notary Public

(SEAL)

My commission expires on:
4-30-02

Stephen T. Johnston
Stephen T. Johnston

15 FEB 99
Date

State: Connecticut

County: Fairfield

Stephen T. Johnston appeared before me on February 15, 1999. He declared to me that he is the person described in this Assignment. He executed this Assignment before me, and declared that his execution was completely voluntary.

James Holdersman
Notary Public

(SEAL)

My commission expires on:

4-30-02

Daniel J. Vestyck, Jr.
Daniel J. Vestyck

02/16/99
Date

State: Connecticut

County: Fairfield

Daniel J. Vestyck appeared before me on February 16, 1999. He declared to me that he is the person described in this Assignment. He executed this Assignment before me, and declared that his execution was completely voluntary.

James Holdersman
Notary Public

(SEAL)

My commission expires on:

4-30-02

Thomas H. Baum

Date _____

State: Connecticut

County: Fairfield

Thomas H. Baum appeared before me on February 16, 1999. He declared to me that he is the person described in this Assignment. He executed this Assignment before me, and declared that his execution was completely voluntary.

Janet Noldner
Notary Public

(SEAL)

My commission expires on: 4-30-02

1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423
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